

What Is Claimed:

1. (Canceled)

2. (Currently amended) A packer cup for use sealing an annulus

between a pipe and a coaxially mounted tube, said cup adapted to surround said tube comprising:

an elongated, hollow sleeve having first and second end openings disposed, coaxially, along the longitudinal axis of said sleeve, said sleeve having a bell-shaped portion surrounding the first end and a tubular portion surrounding the second opening; said bell-shaped portion having an outer diameter adapted to be slightly less than the inner diameter of said pipe; a lip surrounding said first opening integral with said sleeve, said cup being constructed of an elastomeric material which is expandable responsive to internal pressure within said sleeve with said sleeve of a harder material than said lip wherein said sleeve and lip are constructed from polyurethane.

3. (Currently amended) A packer cup for use sealing an annulus between a pipe and a coaxially mounted tube, said cup adapted to surround said tube comprising:

an elongated, hollow sleeve having first and second end openings disposed, coaxially, the longitudinal axis of said sleeve, said sleeve having a bell-shaped portion surrounding the first end and a tubular portion surrounding the second opening; said bell-shaped portion having an outer diameter adapted to be slightly less than the inner diameter of said pipe; a lip surrounding said first opening integral with said sleeve, said cup being constructed of an elastomeric material e with said sleeve of a harder material than said lip further comprising a metal sleeve disposed in said elastomer sleeve disposed within the second opening.

4. (Original) The cup of claim 3 wherein said metal sleeve is secured within said cup by adhesive.

5. (Canceled)

6. (Canceled)

7. (Previously Presented) The cup of claim 2 wherein the hardness of the sleeve is about 60 SHORE D.

8. (Previously Presented) The cup of claim 7 wherein the lip has a hardness of 80-95 SHORE A.